

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application;

--1. - 9. (Cancelled)

--10. (Currently Amended) A recording apparatus for an optical recording medium, comprising:

a light source for outputting a recording laser beam;

a light modulator for modulating said recording laser beam outputted from said light source based on ~~the basis of~~ supplied first data;

a light deflector for deflecting the modulated recording laser beam ~~that is~~ outputted from said light modulator based on ~~the basis of~~ supplied second data in ~~[[the]]~~ a direction ~~which almost that~~ substantially perpendicularly crosses a scanning direction of said modulated recording laser beam ~~[[of]]~~ on the optical recording medium; and

an objective lens for converging said modulated recording laser beam that is outputted from said light deflector onto said optical recording medium.

--11. (Currently Amended) ~~[[An]]~~ The apparatus according to claim 10, further comprising a signal processing unit for forming said first data and said second data based on ~~the basis of~~ supplied data.

--12. (Currently Amended) [[An]] The apparatus according to claim 11, further comprising:

a first driving unit to which said first data is supplied from said signal processing unit and ~~which~~ that drives said light modulator; and

a second driving unit to which said second data is supplied from said signal processing unit and ~~which~~ that drives said light deflector.

--13. (Currently Amended) [[An]] The apparatus according to claim 11, wherein said signal processing unit forms said first data based on ~~the basis of~~ main data ~~which~~ that is recorded on said optical recording medium and forms said second data based on ~~the basis of~~ additional data of the main data ~~which~~ that is recorded on said optical recording medium.

--14. (Currently Amended) [[An]] The apparatus according to claim 11, wherein said signal processing unit forms said first data based on ~~the basis of~~ upper bits of main data ~~which~~ that is recorded on said optical recording medium and forms said second data based on ~~the basis of~~ lower bits of said main data.

--15. - 43. (Cancelled

--44. (Currently Amended) A recording method for an

optical recording medium, comprising the steps of:

modulating a recording laser beam outputted from a light source based on ~~the basis of~~ supplied first data;

deflecting said modulated recording laser beam based on ~~the basis of~~ supplied first data;

deflecting said modulated recording laser beam based on ~~the basis of~~ supplied second data in ~~[[the]]~~ a direction ~~which~~ almost that substantially perpendicularly crosses a scanning direction of said modulated recording laser beam ~~[[of]]~~ on the optical recording medium; and

converging said modulated and deflected recording laser beam onto said optical recording medium by an objective lens.

--45. (Currently Amended) ~~[[A]]~~ The method according to claim 44, wherein said first data is formed based on ~~the basis of~~ main data ~~which~~ that is recorded onto said optical recording medium and said second data is formed based on ~~the basis of~~ additional data of the main data ~~which~~ is recorded on said optical recording medium.

--46. (Currently Amended) ~~[[A]]~~ The method according to claim 44, wherein said first data is formed based on ~~the basis of~~ upper bits of said main data ~~which~~ that is recorded on said optical recording medium and said second data is formed based on the basis of lower bits of the main data ~~which~~ that is

recorded on said optical recording medium.

--47. - 59. (Cancelled)